Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 13 Sep 2023 until 23:59 on Thursday 14 Sep 2023

Forecast Issued on Wednesday 13 Sep 2023 at 05:18

Confidence: High confidence for a largely fine day on Wednesday. Low confidence in cloud and precipitation details from Thursday due to a slow-moving band of rain.

Headline for Wednesday 13 Sep 2023: Largely dry with sunny spells turning increasingly hazy. Cloudy with rain arriving later.

Mountain weather hazards on Wednesday 13 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability					
<05%	<05%	<05%	10%	10%	30%

Forecast for Wednesday 13 Sep 2023

Weather: A chilly start in places with a few mist and isolated fog patches forming in valleys during the early hours. This quickly clearing to leave a dry and largely sunny day. Cloudier spells during the afternoon, with sunshine turning increasingly hazy as high cloud spills eastwards. Cloud then thickening further through the evening with rain arriving across western hills towards midnight. Rain, heavy at times, slowly pushing southwards overnight.

Chance of cloud-free hill tops above 600m: 90%, lowering to 60% in the northwest towards midnight.

Low Cloud and visibility: Poor or very poor visibility in early mist and fog in valleys, soon clearing. Fair weather cloud forming from late morning, bases above the height of most summits. Patches of cloud coming and going on the highest tops through the afternoon. Cloud will tend to become more extensive and descend later, lowering towards 600-700m in the northwest of the Dales after dark, and lowering further overnight. Very good visibility for most of the day, with views of surrounding hills, deteriorating in any late rain.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 13 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/14 E	9/12 E	9/12 SE	12/16 S	11/17 S	18/27 S	20/28 S
300	6/17 NE	8/13 E	8/12 SE	9/16 S	5/14 S	9/23 S	10/24 S
Valley	6/17 NE	5/9 E	7/11 S	8/15 S	5/16 SE	9/24 S	7/21 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	8/6	11/9	12/10	11/9	11/8	10/6
300	6/5	12/11	15/13	15/13	13/13	13/11	12/10
Valley	8/6	13/12	16/15	16/15	14/14	15/13	13/12
Freezing Level*	1500m	1500m	1700m	1800m	2000m	2800m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day, but note deteriorating conditions late evening. Feeling chilly at height, but sun protection is still recommended due to UV levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 13 Sep 2023	5.6mm	13mm	14.2mm

Forecast for Thursday 14 Sep 2023

Weather: Showery rain arriving from the west overnight, locally heavy at times. This feature will make slow southward progress through the morning but should generally clear to the south and break up by late-morning leaving a brighter afternoon. There is a slight chance that rain could persist for much of the day with sustained low cloud, rain and drizzle. Rain is expected to return northwards late in the evening or overnight, becoming locally heavy. Low confidence in details.

Maximum wind: Southwest 20-30mph gusting 30-40mph, winds easing by the afternoon to west 15-20mph

Chance of cloud-free hill tops above 600m: 40%, gradually improving from the northwest to 70%. 30% overnight.

Low Cloud and visibility: Extensive low cloud spreading across the Dales with bases around 400m, gradually rising towards 600m by mid-morning then perhaps breaking and largely clearing. Low cloud bases 400-500m likely to reform later in the evening and overnight. Visibility very good outside of rain and drizzle, otherwise moderate to poor visibility.

Temperature: **Valleys:** Plus 12 Celsius becoming plus 17 Celsius
At 600m: Plus 9 Celsius becoming plus 12 Celsius
Freezing level: Above the summits

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